

WIGGINS COMPANY WILL DISTRIBUTE HYVIS MOTOR OIL

Specification Oil Perfected for
Government During War Will
Be Offered in Oregon Territory

Of special interest in automotive circles in this territory is the recent announcement of the appointment of Wiggins Company, Inc., as Oregon distributors of Hyvis—the specification motor oil developed for government motors during the war. Although one of the pioneer automotive equipment jobbers of the Pacific Northwest, the Wiggins Company, Inc., has never previously been associated with the distribution of any brand of motor oil.

E. R. Wiggins, president of Wiggins Company, Inc., mentioned that he has had a number of opportunities to handle different brands of oil, but has refrained from doing so until such time as he felt sure that the quality of the oil he offered his customers was the best that money could buy.

"I have been a stickler for high quality," he said, "from the standpoint of both the user and the dealer. I believe that in the long run the best lubricant is the cheapest to use. A great many motorists do not appear to realize that if it were possible to get a perfect lubricant their motors would last indefinitely. In other words, that the thing responsible for 80 per cent of motor troubles, and the old boy that puts them all in the junk heap in the end is—friction wear. Eliminate friction and your motor would last almost forever."

"So far the perfect lubricant has not been discovered, but the higher the quality of the lubricant used the less the friction wear, the more power, pickup, and the longer the useful life of the motor."

FEW DOLLARS COUNT
"It is estimated that the average automobile motor will consume approximately 15 gallons of motor lubricating oil during a year. The difference between the cost of a year's supply of the highest grade lubricant and a cheap oil amounts to only a few dollars. The Hyvis motor oil is refined by the Fred G. Clark Co. of Cleveland, Ohio. Established in 1882, this firm is one of the pioneers in the oil industry. They own two modern oil refineries, one at Warren, Pa. The refineries are operated under the corporation name of the Conewango Refining Company. The Clark organization have had years of experience in the refining of high grade lubricating oils for the oil jobbing trade and Clark mark oils are well and favorably known throughout the industry."

Previous to the bringing out of Hyvis, Clark oils were sold only to the oil jobbing trade. They did not sell their oils under a private trade mark brand and they made no effort to identify themselves with the consumer or dealer trade. During the war the Clark organization among a number of oil refineries was called on to produce oils for government motors. The demand was for the best lubricants that could be made regardless of cost. Clark engineers worked out the specifications for the best motor oil possible to be made. They developed this oil and it was used in government motors with wonderfully good results. At that time it was not a branded trademark oil, but because of its unusual qualities it was known as "High Visc." the oil of high viscosity.

SPECIFICATIONS GIVEN
The motor lubricant is now offered for sale to the dealer and user and it is sold on the basis of known and guaranteed specifications—the only recognized standard for measuring the quality of a motor oil. The specifications for Hyvis motor oil are printed and every drum bears a label giving the tests of the oil and guaranteeing the contents to meet the printed specifications. This innovation is recognized as one of the most progressive steps ever taken by any oil company in the marketing of a motor oil.

Hyvis motor oil is made entirely of the famous Pennsylvania paraffin base crude which in itself has been generally considered an assurance of quality in motor lubricants.

**October Is Best
Month for Auto
Trade; 1485 Sold**

October was a good month for the automobile dealers of Oregon this year. Total sales during the month numbered 1485. This figure is just 36 better than the July total, which had the edge for the year until the October count was made. The total includes automobiles and trucks. Of this number 829 automobiles and 66 trucks sold in Multnomah county.

Sales in the state from June to October inclusive total 6864.

**New Liberty Has
Novel Windshield**

The two new special Liberty automobiles recently produced, a Speedster and a touring model, are each equipped with an entirely new type of windshield. The side arms and base are aluminum. A one-piece glass is used. An ingenious ventilator is built into the base of the windshield, by means of which the driver's compartment can be ventilated without the annoyance of being covered by dust. Novel built-in parking lights are contained in the lower corners.

**Yakima-Sunnyside
Stage Lines Open**

Olympia, Wash., Nov. 12.—Certificates for passenger and express stage lines between Yakima and Sunnyside were granted to Charles T. Sisson and Wilfred R. Marshall on Tuesday by the department of public works on evidence that there was sufficient demand for the service.

**NEW TOP
NEW PAINT**

Make Car
Look New

Let the COVEY MOTOR CAR CO., Washington at 21st, paint your car and re-cover your top in PRICES REDUCED TO SUIT THE TIMES.

AMPHIBIOUS AUTO INVENTED BY GERMAN



A land-and-water automobile, the invention of Herr Karamol of Berlin, was recently given a successful demonstration. The machine, which is propelled either by motor or foot power, has three wheels. The front wheel acts as a rudder in water and as a steering wheel on land. The photograph shows Herr Karamol at the wheel of his automobile in the water.

CHALMERS TYPES ARE ALL REDUCED

Cut on Touring Model and Sport
Car is \$250, on Coupe \$300,
and on Sedan \$150.

Notice of price reductions on its entire line was sent out last night by the Chalmers Motor Car company to its distributing organization all over the country.

On the five and seven passenger touring cars, the roadster and sport car, the reduction amounts to \$250. The revision on the coupe is \$300 and on the sedan \$150. All models are equipped with cord tires as in the past, and on the sport car disc steel or wire wheels are optional equipment without extra cost.

"These revisions, important as they are in themselves, are in reality another step in the program of the new organization," said vice president Arthur E. Barker. "It is the first purpose of the group now in command of Chalmers affairs to improve the position of the company and its product in public esteem. The car has been the subject of improvement and in the recent past has been an outstanding value in the automobile market. This latest action, which places it in a still more favorable light, can be accepted as evidence of the company's purpose to build well and price its product fairly."

**Injured Man Borne
On Airplane Wing
By Marine in Haiti**

One of the most unusual cases on record of the transportation of an injured man by airplane has just come to light in a report to the navy department from the commander of the Fourth air squadron, marine corps, in Haiti.

Recently an urgent call was received in Port au Prince, Haiti, requesting aerial transportation for a case at Malesme, in the inland jungles of that island, to the hospital at Port au Prince, on the coast.

Lieutenant Kenneth B. Collins, a marine flying officer, at once started for Malesme in a DH4B plane. On his arrival, however, he was met with a problem. Transportation of wounded and sick by air is a common thing in the island, where roads are rudimentary and at times bandit-infested, but this case was special. The injured man was badly mangled so that he had to be put in splints from head to foot and accordingly could not be carried in the usual way, upright, in the cockpit of the machine. His condition was critical and hospital attention was urgent.

The injured man was accordingly bandaged to the wings, given a special face mask, wrapped securely to a six foot plank, with a blanket, given a helmet and goggles and lashed to the wing of the machine, close to the fuselage. The bulk of this bundle on the wings made the flying "rather difficult," the report commented. But it required only 15 minutes to make a trip that otherwise would have taken three, or even days, of jolting and travel.

**Interest Develops
In Aviation Work
In Spokane Radius**

The development of interest in aviation has proceeded steadily in Spokane and vicinity. In one day recently there were 10 planes on the Foster Russell landing field. They included the machines of Fred W. Hunsaga, a banker and wheat grower of Pomeroy; Albert Hubbard, a Spokane inventor; Charles E. Stiller, theatre owner; J. G. Rankin, pilot, Walla Walla; W. E. Fouts, an attorney of Walla Walla; David Mathews of Moscow, Idaho; Spokane Industries, C. L. Langdon, pilot; Ralph Beal, Riverville, and the Bluebird and Standard planes of the Russell company. Half of the visiting planes were flown by their owners or operators.

Four men are employed in setting up a new three-passenger plane for use on the field. It will be of 150 horsepower, equipped with an electric starter, and will be ready for the air shortly.

STUDYING TAR ROADS
The bureau of public roads of the United States department of agriculture is building at the experimental farm at Arlington Va., a special road-way in an attempt to discover the cause of a peculiar "scrubbing" surface on tarred roads. It is a mystery that is puzzling highway engineers.

Manhattan-Brighton Road Is Authorized

Rockaway, Nov. 12.—A road meeting for the first district, Tillamook county, was held at the schoolhouse here, the object being to vote a special tax for building a road from Manhattan to Brighton. A record attendance from all parts of the district was voted. A resolution to levy a special tax of 5 mills was carried by a vote of 135 to 55. The building of this road will enable autos to come from Portland to Rockaway via Seaside, without going around by Miami and Garibaldi, and will mean increased tourist travel to the Tillamook beaches.

NAMED TO DISTRIBUTE WELL KNOWN LUBRICANT



E. R. Wiggins

Cold Water Is Bad For Hot Cylinders

Never pour water rapidly into the cooling system when a motor is hot. Cold water, when striking the overheated cylinders is likely to cause them to crack because of the rapid contraction which takes place.

Never "cut in" short after passing a vehicle.

ANNOUNCEMENT

WE ARE PLEASED to announce that we have secured the agency for the CHEVROLET MOTOR CARS and CHEVROLET PARTS and will operate a CHEVROLET SERVICE STATION in connection therewith. SERVICE will be rendered by mechanics who have specialized on CHEVROLET work for years.

THE NEW CHEVROLET

is now on exhibition at our store, also the new parts showing the improvements in construction, making it better value than ever before, and the new price of the "490" Model Touring and Roadster is

\$675

DELIVERED AT PORTLAND
Easy Terms May Be Arranged

L. Y. BILLINGSLEY MOTOR CO.
HAWTHORNE AVE. AT EAST 8TH ST.

Telephone East 7

\$10,000 AN ACRE ASKE FOR STRIP IN CHELAN COUNTY

Condemnation Suit Begun to Get
.97 of an Acre for Sunset Highway; Price Sets World Record.

Wenatchee, Wash., Nov. 12.—The first state highway condemnation suit ever commenced in Chelan county has been filed in the superior court by James Allen, supervisor of highways, and L. L. Thompson, attorney general of the state of Washington, against Charles J. Yenter, W. H. Jordan and the Cashmere Apple company to secure title to about .97 of an acre of land along the route of the new Monitor grade, a part of the Sunset highway.

For more than one year the county officials have been seeking to obtain possession of this strip of land, but have been unable to come to an agreement with the owners. Yenter is buying the orchard on contract from Jordan, which accounts for the latter being included in the suit.

The Cashmere Apple company appears as a party through a lease or contract involving the crop.

The price asked by the owners of the land was \$5000, or about \$10,000 an acre, a far higher amount than was ever paid for any kind of orchard or agricultural land in the history of the world. Damages by reason of cutting the orchard in two entered into the consideration asked. About 2 1/4 acres of land will be separated from the rest of the orchard when the road is built.

In order to arrive at a solution of the problem, the county officers called a hearing last spring after all other negotiations had failed, and took testimony as to the value of the land and the amount of damages that should be paid to the owners of the orchard.

No satisfactory result was reached at this hearing.

While the present condemnation proceedings are begun in the name of the state the damages awarded by the jury would have to be paid by the county and put in the tax rolls. The county and the public, therefore, not only stand a chance of suffering this financial loss, but will have to await the outcome of the suit before a road can be built.

Practically all the other right of way necessary to build the new Monitor section of the Sunset highway has been obtained, as a result of private negotiations with the various owners.

Rock Crushers Quit Work on Loudon Hill

Corbett, Nov. 12.—A Woodward, road superintendent, has shut down both of the rock crushers, which have been in operation during the summer, on the old Loudon hill. He reports six miles of crushed rock and two miles of gravel laid, some of which has been applied on the Bryner road. These roads had been almost impassable.

The life of an automobile depends on the way you treat it.

Vancouver Plans Community House On Tourist Park

Vancouver, Wash., Nov. 12.—The automobile "camp ground" just outside the city limits, on the Pacific highway has proved an unqualified success from the day it was opened, according to County Engineer Schwartz, who had charge of the work of clearing the grounds and preparing the site for the accommodation of tourists. The camp was thronged every night during the season and while the nights are not at this time suited for camping out five to eight parties are still using the camp grounds every night. Schwartz has seeded the ground under the trees, which will make the site more attractive next season. It is planned to build a community house on the grounds where Vancouver people and tourists can meet and become acquainted. Rest rooms, city water and cooking accommodations were installed before the camp ground was opened to the public.

AIRPLANE LINES FOR AUTOS
The newest German-made model of passenger automobile is along airplane lines and is said to reduce air resistance to a minimum.

DURANT SHOWS ITS WORTH ON DESERT

Makes Run From Los Angeles to
Phoenix in 18 Hours on 18
Miles to Gallon Average.

An exemplary performance for an automobile on the deserts of the Southwest is indicated in a telegram received by C. M. Stevens of the Durant Motor company of California at San Francisco, from James E. Appleby, pilot of a Durant which has just completed a trip from Los Angeles, Cal., to Phoenix, Ariz. "Arrived 2 o'clock; time 18 hours," read the telegram, "and with no effort for speed, just ordinary driving. Durant performance in desert really remarkable, as it had no water for the trip and in fact has gone 1500 miles without needing a drop of water. It pulled the heaviest sand on high gear and astonished motorists along the route because of its power and speed. Made entire trip, Los Angeles to Phoenix, on one quart of oil."

New Haynes Model On Exhibition at Mexico City Show

The new 1922 Haynes 55 models are the only American automobiles on exhibition at the Commercial exposition now in progress at Mexico City, Mexico, according to advices received by E. W. Headington, export manager of the Haynes Automobile company. The Commercial exposition, which is declared to be one of the most elaborate in the history of Mexico, is being held in connection with the Centennial feast. One of the features of the exposition is the raffling off of a Haynes 55 touring car. Every visitor to the exposition receives a number and the person holding the winning number will receive the Haynes car. The Haynes exhibit is arousing intense enthusiasm among the Mexican motoring public, states Leland de Villafraza, Haynes special representative in Mexico. The Commercial exposition will continue throughout the remainder of the year.

WIRELESS PHONES ON AUTOS
All police and fire department motor vehicles in Chicago are to be equipped with wireless telephone instruments.

GENERAL Tires 40% at Discount, Net

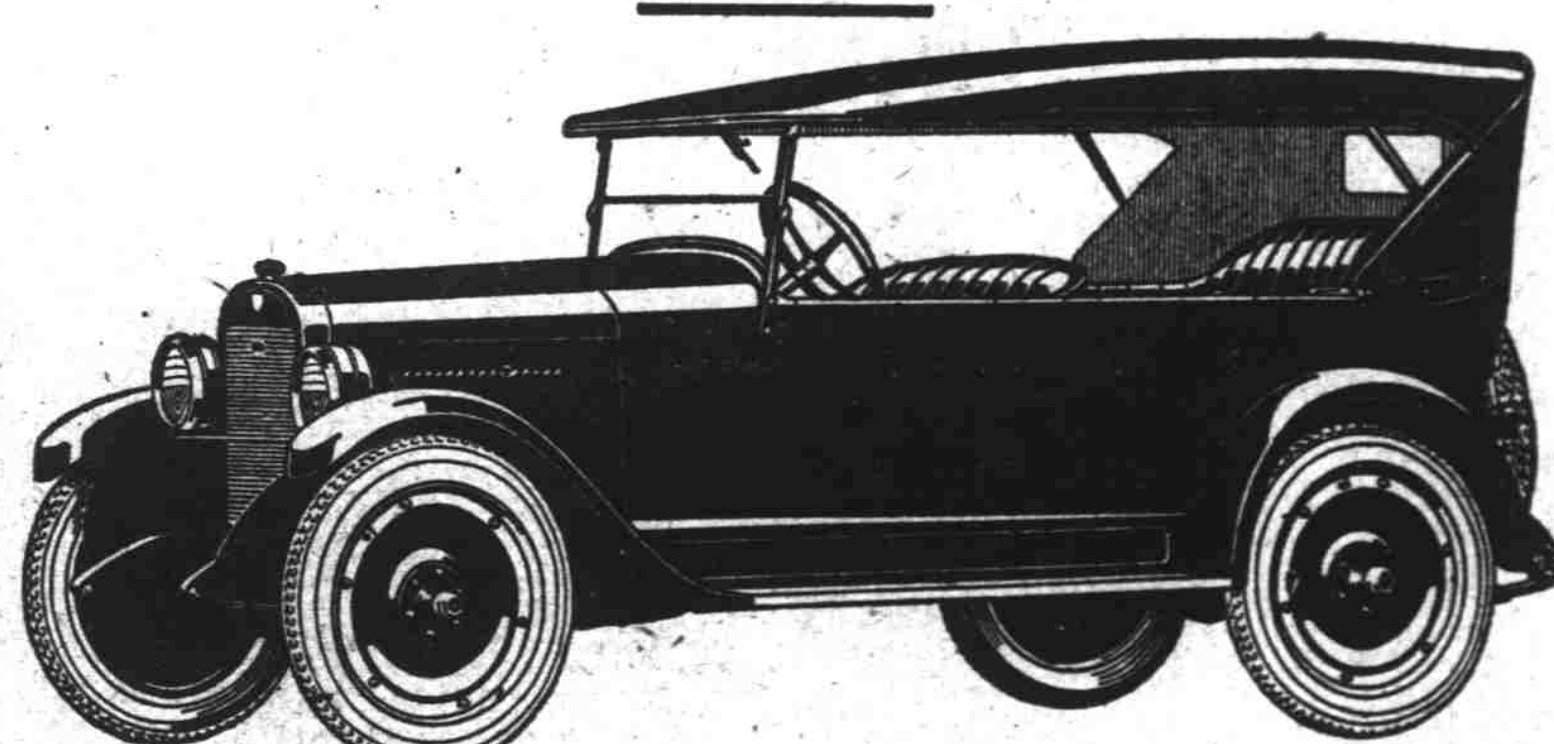
and new tube free with each tire
We have discontinued this tire for the MOHAWK and will sell the balance of our complete stock at 40 per cent discount
All popular sizes—Cords and Fabric
All fresh new stock

American Tire & Rubber Co.

Tire Merchants—Broadway and Oak Sts.
Bdwy. 180—On the Mohawk Corner—Bdwy. 2300
Two Phones—If One Is Busy Use the Other,

CAN YOU GUESS ITS NAME?

New Model of Famous Make of Automobile
Will Soon Be on the Market Here.



This is a new model of one of the best known cars in the land—one that has been on the market more than 15 years. Hundreds of Portlanders drive this make and it is sold by one of the leading automobile houses here.

This model is going to establish a new standard of appearance, service and price for cars of its class. It is equipped with steel disk wheels and is the last word in automobile design.

It will sell at a price that will take your breath.

Guess its name, if you can. Anyway, be prepared for one of the biggest announcements that has been made in automobile circles this year.

Get the picture of this car in your mind—there's going to be big news about it soon.